

AMENDMENT

U.S. Appln. No. 09/817,269

portion, inserting appropriate overheads corresponding to said data packets, so as to form a third type of frames;

a first transmitting means for outputting said third type of frames to the lower layer side device;

b1 a second receiving means for receiving the data packets from said lower layer side device;

a de-framing means for removing the overheads of said first type of frames;

a third processing means for extracting a SAPI field and the data contained in the information field from the payload portion of said first type of frames, to form said second type of frames;

a determining means for comparing the value of the SAPI field with a preset value, and determining to output the extracted data as is, if the value of the SAPI field data equals to said preset value;

a fourth processing means for converting said second type of frames to a third type of frames corresponding to in said data packets; and

a second transmitting means for transmitting the extracted data packets to said upper layer side device.

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